

PROJECT TITLE: WATER TREATMENT R&R -MASTER PROJECT
PROJECT NO: 30116
CIE REQUIREMENT: Y
LEVEL OF SERVICE IMPACT: M **PROGRAM:** WATER SERVICES/POTABLE WATER

Project Description:
 Perform renewal and replacement project of approximately \$100,000-\$150,000 each at the Water Treatment facilities including Lithia, Fawn Ridge, Lake Park and the Manors of Crystal Lake.

Neighborhood Community Area:
 Countywide



Operating Cost Impact:
 No significant change in annual operating costs is anticipated.

Project Completion Date: N/A

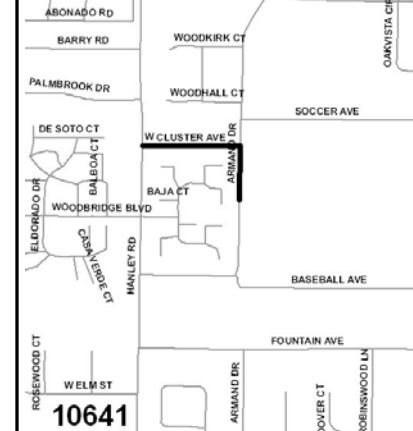
Expenditure Plan (in \$000's):	Total Est	Prior Yrs	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
	Cost	Funding							
Development	539	77	77	77	77	77	77	77	0
Design	1,450	520	155	155	155	155	155	155	0
Land/ROW	0	0	0	0	0	0	0	0	0
Construction	9,866	4,772	849	849	849	849	849	849	0
Equipment	177	177	0	0	0	0	0	0	0
Administration	1,410	564	141	141	141	141	141	141	0
Total	\$13,442	\$6,110	\$1,222	\$1,222	\$1,222	\$1,222	\$1,222	\$1,222	\$0

Funding Sources (in \$000's):	Total Est	Prior Yrs	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
	Cost	Funding							
Enterprise Fees	13,442	6,110	1,222	1,222	1,222	1,222	1,222	1,222	0
Total	\$13,442	\$6,110	\$1,222	\$1,222	\$1,222	\$1,222	\$1,222	\$1,222	\$0

PROJECT TITLE: ARMAND DRIVE GRAVITY SEWER - PUMP STATION REPLACEMENT
PROJECT NO: 10641
CIE REQUIREMENT: Y
LEVEL OF SERVICE IMPACT: M **PROGRAM:** WATER SERVICES/WASTEWATER

Project Description:
 This project redirects the flow from the existing Armand Drive pump station to the 15 inch gravity transmission system on Hanley Road at West Cluster Avenue. Design and construction of six new manholes and 100 feet of gravity sewer line and the restoration of nine services will be required. Additionally, demolishing the old pump station and abandonment of 8 manholes and 2,100 feet of piping must be accomplished.

Neighborhood Community Area:
 Town N' Country (Northwest)



Operating Cost Impact:
 None

Project Completion Date: Aug 2010

Expenditure Plan (in \$000's):	Total Est	Prior Yrs	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
	Cost	Funding							
Development	0	0	0	0	0	0	0	0	0
Design	168	168	0	0	0	0	0	0	0
Land/ROW	0	0	0	0	0	0	0	0	0
Construction	576	0	576	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	56	56	0	0	0	0	0	0	0
Total	\$800	\$224	\$576	\$0	\$0	\$0	\$0	\$0	\$0

Funding Sources (in \$000's):	Total Est	Prior Yrs	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
	Cost	Funding							
Enterprise Fees	800	224	576	0	0	0	0	0	0
Total	\$800	\$224	\$576	\$0	\$0	\$0	\$0	\$0	\$0

PROJECT TITLE: BALM REVERVIEW FORCEMAIN (BIG BEND ROAD TO CR 672)
PROJECT NO: 10154
CIE REQUIREMENT: Y
LEVEL OF SERVICE IMPACT: F
PROGRAM: WATER SERVICES/WASTEWATER

Project Description:
 Design and construct approximately 11,700 linear feet of 16-inch forcemain along Balm Riverview Rd. This forcemain will extend from Big Bend Road south to County Road 672. The Water Resource Services Department is adopting a new Master Plan that requires the construction of the proposed forcemain. This forcemain will direct flows from the Summerfield re-pump station to the South County Regional Advanced Wastewater Treatment Plant.



Operating Cost Impact:
 None

Project Completion Date: Jun 2011

Expenditure Plan (in \$000's):

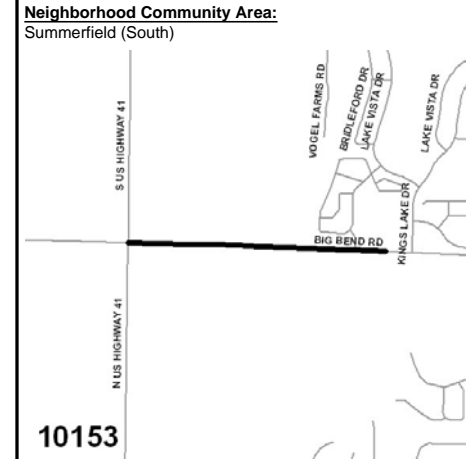
	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Development	50	0	50	0	0	0	0	0	0
Design	400	0	400	0	0	0	0	0	0
Land/ROW	0	0	0	0	0	0	0	0	0
Construction	1,865	0	0	1,865	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	80	0	30	50	0	0	0	0	0
Total	\$2,395	\$0	\$480	\$1,915	\$0	\$0	\$0	\$0	\$0

Funding Sources (in \$000's):

	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Enterprise Fees	2,395	0	480	1,915	0	0	0	0	0
Total	\$2,395	\$0	\$480	\$1,915	\$0	\$0	\$0	\$0	\$0

PROJECT TITLE: BIG BEND FORCEMAIN (US 41 TO KINGS LAKE SUBDIVISION)
PROJECT NO: 10153
CIE REQUIREMENT: Y
LEVEL OF SERVICE IMPACT: F
PROGRAM: WATER SERVICES/WASTEWATER

Project Description:
 Design and construct approximately 5,300 linear feet of 16-inch forcemain along Big Bend Rd. The forcemain will extend from US Highway 41 south and tie into an existing forcemain near the entrance to the Kings Lake Subdivision. Forcemain pressures continue to rise in the South/Central Wastewater Service Area. As a result, it is becoming increasingly difficult to obtain pumps with sufficient hydraulic capacity to meet the WRS Level of Service requirements. In addition, energy costs associated with the high head conditions are increasing. In order to eliminate these high head conditions a forcemain project is being recommended.



Operating Cost Impact:
 None

Project Completion Date: Dec 2011

Expenditure Plan (in \$000's):

	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Development	50	0	0	50	0	0	0	0	0
Design	150	0	0	150	0	0	0	0	0
Land/ROW	0	0	0	0	0	0	0	0	0
Construction	850	0	0	850	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	50	0	0	50	0	0	0	0	0
Total	\$1,100	\$0	\$0	\$1,100	\$0	\$0	\$0	\$0	\$0

Funding Sources (in \$000's):

	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Enterprise Fees	1,100	0	0	1,100	0	0	0	0	0
Total	\$1,100	\$0	\$0	\$1,100	\$0	\$0	\$0	\$0	\$0

PROJECT TITLE: BIG BEND ROAD WASTEWATER PUMP STATION
PROJECT NO: 10149
CIE REQUIREMENT: Y
LEVEL OF SERVICE IMPACT: F
PROGRAM: WATER SERVICES/WASTEWATER

Project Description:
 Design and construct an approximately 6,500 gpm Master Pump Station in the vicinity of the intersection of Interstate 75 and Big Bend Road. The pump station will require an emergency generator, VFDs and connection to the County's proposed SCADA. Water Resource Services is adopting a revised Wastewater Master Plan for the South/Central Service Area. The tremendous growth in the southern portion of the service area dictates that this plant be expanded to handle the growth.



Operating Cost Impact:
 Operating cost is estimated to be \$10,000 a year starting in FY 11.

Project Completion Date: Apr 2011

Expenditure Plan (in \$000's):

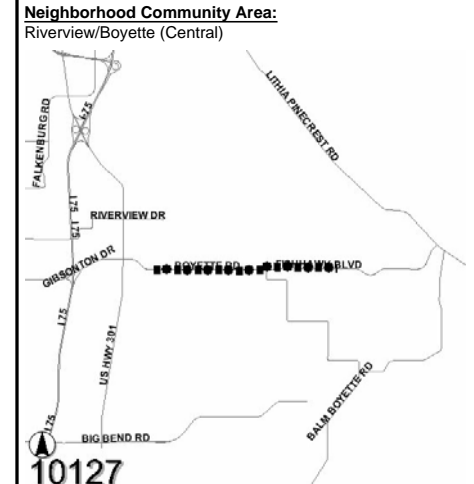
	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Development	25	0	25	0	0	0	0	0	0
Design	470	0	470	0	0	0	0	0	0
Land/ROW	0	0	0	0	0	0	0	0	0
Construction	2,041	0	0	2,041	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	50	0	25	25	0	0	0	0	0
Total	\$2,586	\$0	\$520	\$2,066	\$0	\$0	\$0	\$0	\$0

Funding Sources (in \$000's):

	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Financing	2,586	0	520	2,066	0	0	0	0	0
Total	\$2,586	\$0	\$520	\$2,066	\$0	\$0	\$0	\$0	\$0

PROJECT TITLE: BOYETTE 20" FORCEMAIN TECO/BALM RIVERVIEW TO FISHHAWK
PROJECT NO: 10127
CIE REQUIREMENT: Y
LEVEL OF SERVICE IMPACT: E,F
PROGRAM: WATER SERVICES/WASTEWATER

Project Description:
 Construction of approximately 23,700 ft of 20" waste water force main within the rights of way (ROW) of Boyette Road and Fish Hawk Blvd. between Balm Riverview Rd. to the west and the extension of Culbreath Rd. to the east. Phase A consists of 9,100 ft to be located in Fish Hawk Blvd. ROW from Bell Shoals Rd. to the proposed extension of Culbreath Rd. Phase B consists of 14,600 ft to be located in Boyette Rd. ROW from Balm Riverview Rd. to Bell Shoals Rd. and is tied to the engineering and ROW acquisition required for the County's widening of Boyette Rd. within the above limits.



Operating Cost Impact:
 Operating cost impact of \$18,833 per year starting in FY 07

Project Completion Date: Sep 2009

Expenditure Plan (in \$000's):

	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Development	0	0	0	0	0	0	0	0	0
Design	1,020	1,020	0	0	0	0	0	0	0
Land/ROW	0	0	0	0	0	0	0	0	0
Construction	7,838	4,338	3,500	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	767	767	0	0	0	0	0	0	0
Total	\$9,625	\$6,125	\$3,500	\$0	\$0	\$0	\$0	\$0	\$0

Funding Sources (in \$000's):

	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Capacity Fees	1,531	1,531	0	0	0	0	0	0	0
Enterprise Fees	8,094	4,594	3,500	0	0	0	0	0	0
Total	\$9,625	\$6,125	\$3,500	\$0	\$0	\$0	\$0	\$0	\$0

PROJECT TITLE: BRANDON LAKES FORCE MAIN REPLACEMENT
PROJECT NO: 10770
CIE REQUIREMENT: Y
LEVEL OF SERVICE IMPACT: E
PROGRAM: WATER SERVICES/WASTEWATER

Project Description:
 Design and construct 2250 feet of 4 inch forcemain in the Brandon Lakes Subdivision to replace the existing system that has reached its useful life.



Operating Cost Impact:
 Operating cost impact of \$521,200 starting in FY 09.

Project Completion Date: Sep 2008

Expenditure Plan (in \$000's):

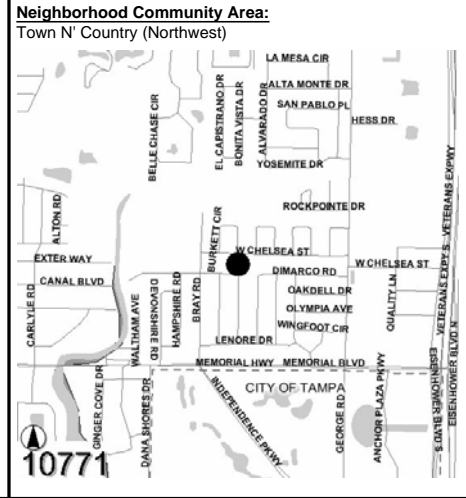
	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Development	0	0	0	0	0	0	0	0	0
Design	113	113	0	0	0	0	0	0	0
Land/ROW	0	0	0	0	0	0	0	0	0
Construction	504	0	504	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	83	83	0	0	0	0	0	0	0
Total	\$700	\$196	\$504	\$0	\$0	\$0	\$0	\$0	\$0

Funding Sources (in \$000's):

	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Enterprise Fees	700	196	504	0	0	0	0	0	0
Total	\$700	\$196	\$504	\$0	\$0	\$0	\$0	\$0	\$0

PROJECT TITLE: CHELSEA PUMP STATION REPLACEMENT
PROJECT NO: 10771
CIE REQUIREMENT: Y
LEVEL OF SERVICE IMPACT: M
PROGRAM: WATER SERVICES/WASTEWATER

Project Description:
 Design and construct a replacement pump station consisting of a standard duplex, submersible-type pumping station. Additionally, a new manhole and gravity sewer line will be constructed.



Operating Cost Impact:
 None

Project Completion Date: Nov 2009

Expenditure Plan (in \$000's):

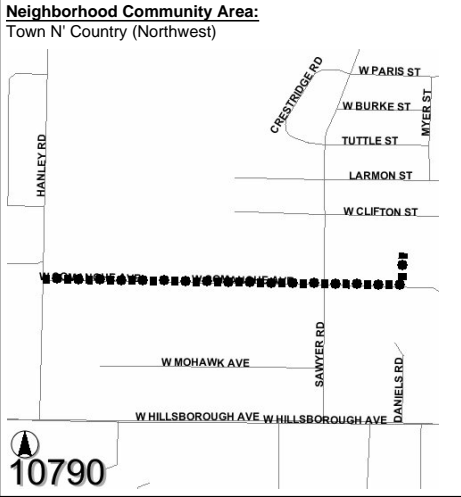
	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Development	29	29	0	0	0	0	0	0	0
Design	150	150	0	0	0	0	0	0	0
Land/ROW	0	0	0	0	0	0	0	0	0
Construction	715	0	715	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	21	21	0	0	0	0	0	0	0
Total	\$915	\$200	\$715	\$0	\$0	\$0	\$0	\$0	\$0

Funding Sources (in \$000's):

	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Enterprise Fees	915	200	715	0	0	0	0	0	0
Total	\$915	\$200	\$715	\$0	\$0	\$0	\$0	\$0	\$0

PROJECT TITLE: COMANCHE AVE PARTIAL FORCE MAIN REPLACEMENT
PROJECT NO: 10790
CIE REQUIREMENT: Y
LEVEL OF SERVICE IMPACT: M
PROGRAM: WATER SERVICES/WASTEWATER

Project Description:
 Partial force main replacement along Comanche Avenue from the master pump station to Sweetwater Creek on the east side and from the west side of Sweetwater Creek to Hanley Road for a distance of approximately 2300 linear feet. This includes new air release valve assemblies, replace the 14-inch DIP discharge pipe in the Comanche Avenue pump station to include new bend and fittings and reconnect to existing force mains.



Operating Cost Impact:
 None

Project Completion Date: Dec 2008

Expenditure Plan (in \$000's):

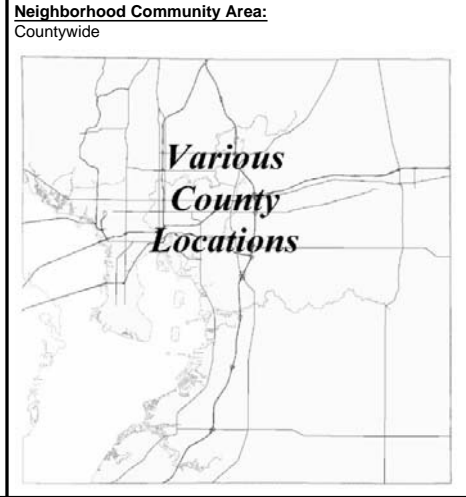
	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Development	84	84	0	0	0	0	0	0	0
Design	441	441	0	0	0	0	0	0	0
Land/ROW	0	0	0	0	0	0	0	0	0
Construction	1,512	1,512	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	63	63	0	0	0	0	0	0	0
Total	\$2,100	\$2,100	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Funding Sources (in \$000's):

	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Enterprise Fees	2,100	2,100	0	0	0	0	0	0	0
Total	\$2,100	\$2,100	\$0	\$0	\$0	\$0	\$0	\$0	\$0

PROJECT TITLE: COUNTYWIDE MAJOR WASTEWATER PUMP STATIONS REFURBISH
PROJECT NO: 10138
CIE REQUIREMENT: Y
LEVEL OF SERVICE IMPACT: M
PROGRAM: WATER SERVICES/WASTEWATER

Project Description:
 This project provides for the annual major rehabilitation of 40-60 of the 430 lift stations owned, operated and maintained by the Water Dept. Failure to provide extensive maintenance will result in outages and increased O&M costs.



Operating Cost Impact:
 No significant change in annual operating costs is anticipated.

Project Completion Date: N/A

Expenditure Plan (in \$000's):

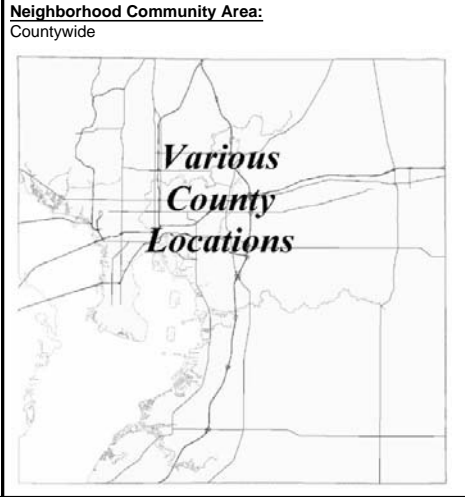
	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Development	0	0	0	0	0	0	0	0	0
Design	2,171	971	200	200	200	200	200	200	0
Land/ROW	0	0	0	0	0	0	0	0	0
Construction	19,937	10,937	1,500	1,500	1,500	1,500	1,500	1,500	0
Equipment	7,885	1,285	1,100	1,100	1,100	1,100	1,100	1,100	0
Administration	2,607	1,407	200	200	200	200	200	200	0
Total	\$32,600	\$14,600	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$0

Funding Sources (in \$000's):

	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Enterprise Fees	32,600	14,600	3,000	3,000	3,000	3,000	3,000	3,000	0
Total	\$32,600	\$14,600	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$0

PROJECT TITLE: COUNTYWIDE MAJOR WWTP OVERHAUL PROJECTS-FARE ACCOUNT PROJECT NO: 10141
 CIE REQUIREMENT: Y
 LEVEL OF SERVICE IMPACT: M PROGRAM: WATER SERVICES/WASTEWATER

Project Description:
 Provides funding for the estimated amount of major WWTP repairs due to aging infrastructure. Individual projects will be identified in the first two years of each CIP program.



Operating Cost Impact:
 No significant change in annual operating costs is anticipated.

Project Completion Date: N/A

Expenditure Plan (in \$000's):

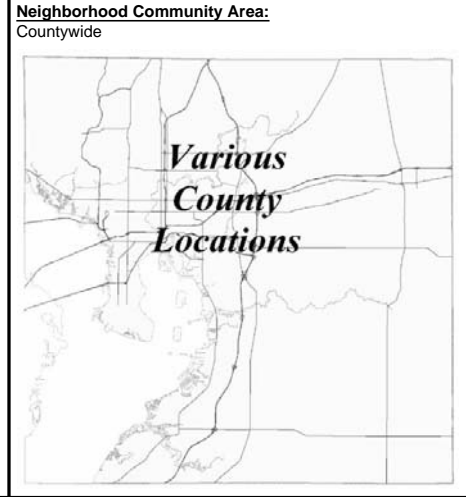
	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Development	2,694	0	0	1,370	851	473	0	0	0
Design	0	0	0	0	0	0	0	0	0
Land/ROW	0	0	0	0	0	0	0	0	0
Construction	9,428	0	0	4,795	2,975	1,658	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	1,347	0	0	685	425	237	0	0	0
Total	\$13,469	\$0	\$0	\$6,850	\$4,251	\$2,368	\$0	\$0	\$0

Funding Sources (in \$000's):

	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Enterprise Fees	13,469	0	0	6,850	4,251	2,368	0	0	0
Total	\$13,469	\$0	\$0	\$6,850	\$4,251	\$2,368	\$0	\$0	\$0

PROJECT TITLE: COUNTYWIDE MASTER TRANSMISSION SYSTEM-FARE ACCOUNT PROJECT NO: 10139
 CIE REQUIREMENT: Y
 LEVEL OF SERVICE IMPACT: M PROGRAM: WATER SERVICES/WASTEWATER

Project Description:
 This project supports the Uniform Service Ext. Program and will install approx. 3,000 LF of wastewater piping each year to support new development within the Urban Development Areas.



Operating Cost Impact:
 No significant change in annual operating costs is anticipated.

Project Completion Date: N/A

Expenditure Plan (in \$000's):

	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Development	75	0	0	0	0	25	25	25	0
Design	375	0	0	0	0	125	125	125	0
Land/ROW	0	0	0	0	0	0	0	0	0
Construction	1,500	0	0	0	0	500	500	500	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	300	0	0	0	0	100	100	100	0
Total	\$2,250	\$0	\$0	\$0	\$0	\$750	\$750	\$750	\$0

Funding Sources (in \$000's):

	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Enterprise Fees	2,250	0	0	0	0	750	750	750	0
Total	\$2,250	\$0	\$0	\$0	\$0	\$750	\$750	\$750	\$0